

From: Kalyanam, Kaly
Sent: Friday, October 29, 2010 11:36 AM
To: BICE, DAVID B; CLARK, ROBERT W
Cc: Lent, Susan; Burkhardt, Janet
Subject: Request for Additional Information (TAC No. ME4503)

Plant: Arkansas Nuclear One, Unit 1
Docket No.: 50-313
Subject: Request for Additional Information Regarding the 2010 Steam Generators Tube Inspections (TAC No. ME4503)

TAC Nos.: ME4503
SUNSI Review Done: Yes. Publicly Available, Normal Release, Non-sensitive,
From: N. Kalyanam
To: D. Bice/R. Clark

Dave,

By letter dated July 29, 2010 (Agencywide Documents Access and Management System (ADAMS) Accession Number ML102250418), Entergy Operations, Inc (the licensee) submitted information pertaining to the 2010 steam generator tube inspections performed at Arkansas Nuclear One Unit 1. In addition, the licensee and the Nuclear Regulatory Commission staff held a conference call on March 29, 2010 which is summarized in letter dated April 12, 2010 (ADAMS Accession Number ML100960402).

The Nuclear Regulatory Commission Staff reviewed the information provided and has determined that additional information is required to complete the review. The Request for Additional Information follows below.

The staff requests you to provide the response to the request within 30 days of the receipt of this request. If this schedule cannot be met, please inform us as soon as possible.

Thanks

Kaly

REQUEST FOR ADDITIONAL INFORMATION

2010 STEAM GENERATOR TUBE INSPECTION REPORT

ARKANSAS NUCLEAR ONE UNIT 1

DOCKET NUMBER 50-313

1. Page 1 of the letter dated July 29, 2010, states that "The operating period for this report includes one refueling inspection outage (1R22), in March 2010, a non In-Service

Inspection (ISI)" and that this was a non American Society of Mechanical Engineering Boiler Pressure Vessel Code (ASME Code) type inspection. Please clarify and confirm that your technical specification requirements pertaining to steam generator tube inspections (TS 5.5.9) were followed and that the applicable ASME Code requirements pertaining to the performance of inspections were followed.

2. On Table 3.7.1 on page 6 of the letter dated July 29, 2010, shows that some values of bowing were "Not Determinable." Please clarify what is meant by "Not Determinable."
3. On page 8 of the letter dated July 29, 2010, please clarify whether the 95th Percentile values for growth are based on 1RF22 or previous outage data (i.e., is Table 3.7.1 the previous operational assessment or the current operational assessment). Additionally, growth rates are in terms of %TW/effective full power year (EFPY) as indicated on page 9. Discuss why the growth rates were not multiplied by the cycle length (in EFPY).
4. Table 3.3.1 indicated that the site specific review for sizing with the X-probe was deemed unacceptable. Please clarify. Is this simply indicating that you were unable to qualify the X-probe for sizing indications at ANO-1?

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From: Kalyanam, Kaly

Created By: Kaly.Kalyanam@nrc.gov

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MESSAGE 15047 10/29/2010

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